

Amendments to the Specification:

Please replace the paragraph, beginning at page 5, line 15, with the following rewritten paragraph:

NO₂ can account for up to about 50% NO_x in the exhaust gas of an internal combustion engine. Therefore, according to one embodiment the HC: NO₂ ratio is adjusted to from ~~0-0.05 to~~ ± 0.2 to 4.